

FIG. 1

FIG. 1A

**ADDITION OF MARK'S
WIRELESS DEVICE TO
AD HOC NETWORK**

**WIRELESS
AD HOC NETWORK
132**

MARK'S ADD DEVICE MESSAGE
244(M)

WIRELESS
DEVICE 128
MARK
ADDRESS(M)

WIRELESS
DEVICE 124
PAUL
ADDRESS(P)

MARK'S ADD DEVICE MESSAGE

HOP CNT = HOP CNT + 1

WIRELESS
DEVICE 126
IAN
ADDRESS(I)

MARK'S ADD DEVICE MESSAGE

HOP CNT = HOP CNT + 1

WIRELESS
DEVICE 116
DAN JONES
ADDRESS(F)

MARK'S ADD DEVICE MESSAGE

HOP CNT = HOP CNT + 1

WIRELESS
DEVICE 114
EVE
ADDRESS(E)

MARK'S ADD DEVICE MESSAGE

HOP CNT = HOP CNT + 1

WIRELESS
DEVICE 108
DAN SMITH
ADDRESS(D)

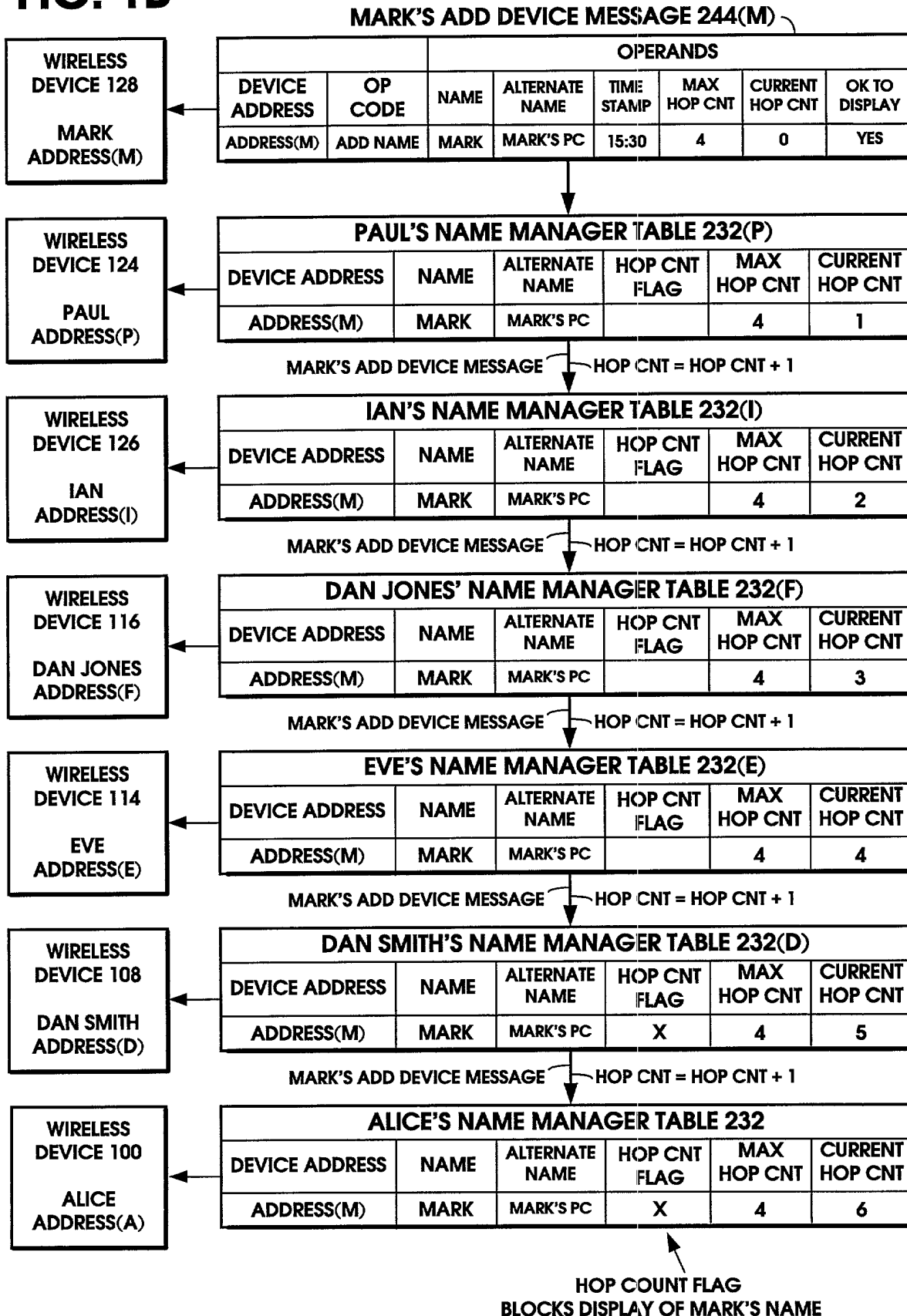
MARK'S ADD DEVICE MESSAGE

HOP CNT = HOP CNT + 1

WIRELESS
DEVICE 100
ALICE
ADDRESS(A)

FIG. 1A

FIG. 1B



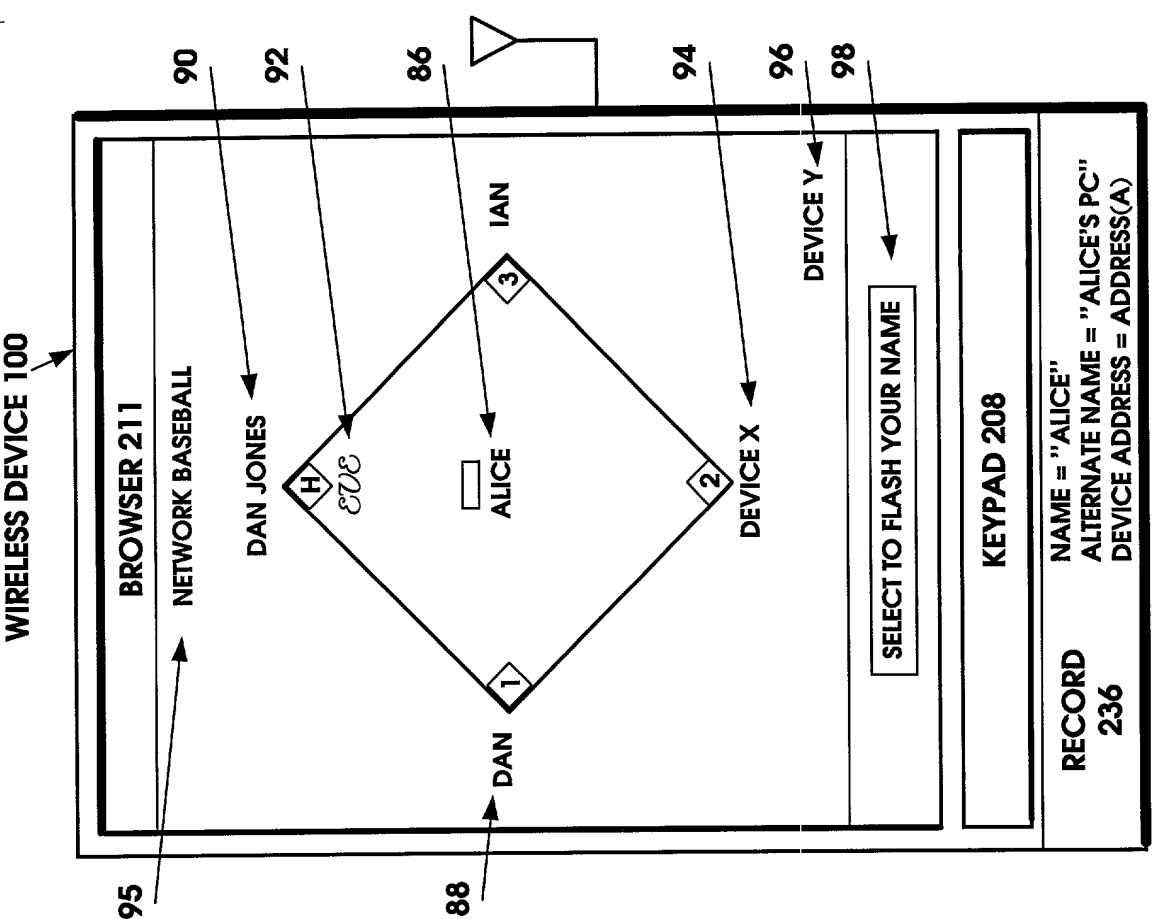


FIG. 1E

ADD DEVICE
MESSAGE 244

		OPERANDS					
DEVICE ADDRESS	OP CODE	NAME	ALTERNATE NAME	TIME STAMP	MAX HOP CNT	CURRENT HOP CNT	OK TO DISPLAY
ADDRESS(M)	ADD_DV	MARK	MARK'S PC	15:30	4	0	YES

DELETE DEVICE
MESSAGE 245

		OPERANDS					
DEVICE ADDRESS	OP CODE						
ADDRESS(M)	DELETE_DV						

CHANGE NAME
MESSAGE 246

		OPERANDS					
DEVICE ADDRESS	OP CODE	NAME	ALTERNATE NAME				
ADDRESS(M)	CH_NAME	MARC	MARC'S PC				

COMPOSITE
TABLE
MESSAGE 247

		OPERANDS					
DEVICE ADDRESS	OP CODE	COMPOSITE NAME MANAGER TABLE 232" (FIG. 1H)					
ADDRESS(M)	TABLE						

SECURITY ATTRIBUTES
MESSAGE 248

		OPERANDS					
DEVICE ADDRESS	OP CODE	AUTHORIZATION LIST			DIGITAL SIGNATURE	CERTIFICATE	PUBLIC KEY
ADDRESS(M)	SEC_ATTR	ALICE	IAN	PAUL	SIG(M)	CERT(M)	PK(M)

NAME
DISPLAY ATTRIBUTES
MESSAGE 249

		OPERANDS				
DEVICE ADDRESS	OP CODE	FONT	COLOR/ ALT. COLOR	ANIMATION	SOUND	OTHER
ADDRESS(M)	DISP_ATTR	ARIAL	RED/BLK	NONE	BEEP	----

NAME FLASH
DISPLAY ATTRIBUTES
MESSAGE 250

		OPERANDS				
DEVICE ADDRESS	OP CODE	FONT	COLOR	ANIMATION	SOUND	OTHER
ADDRESS(M)	FLASH		X		X	----

FIG. 1F

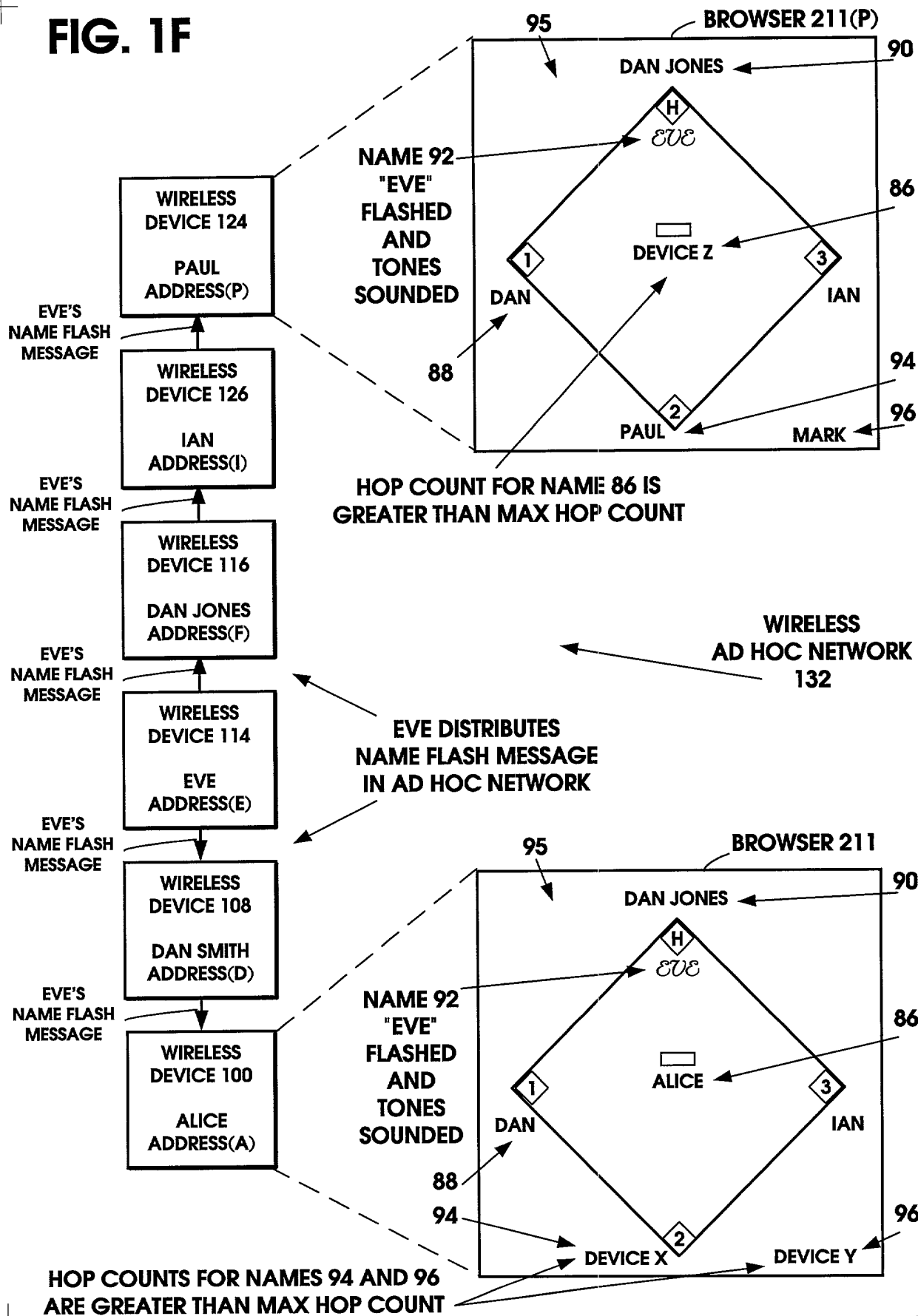


TABLE 4342E660

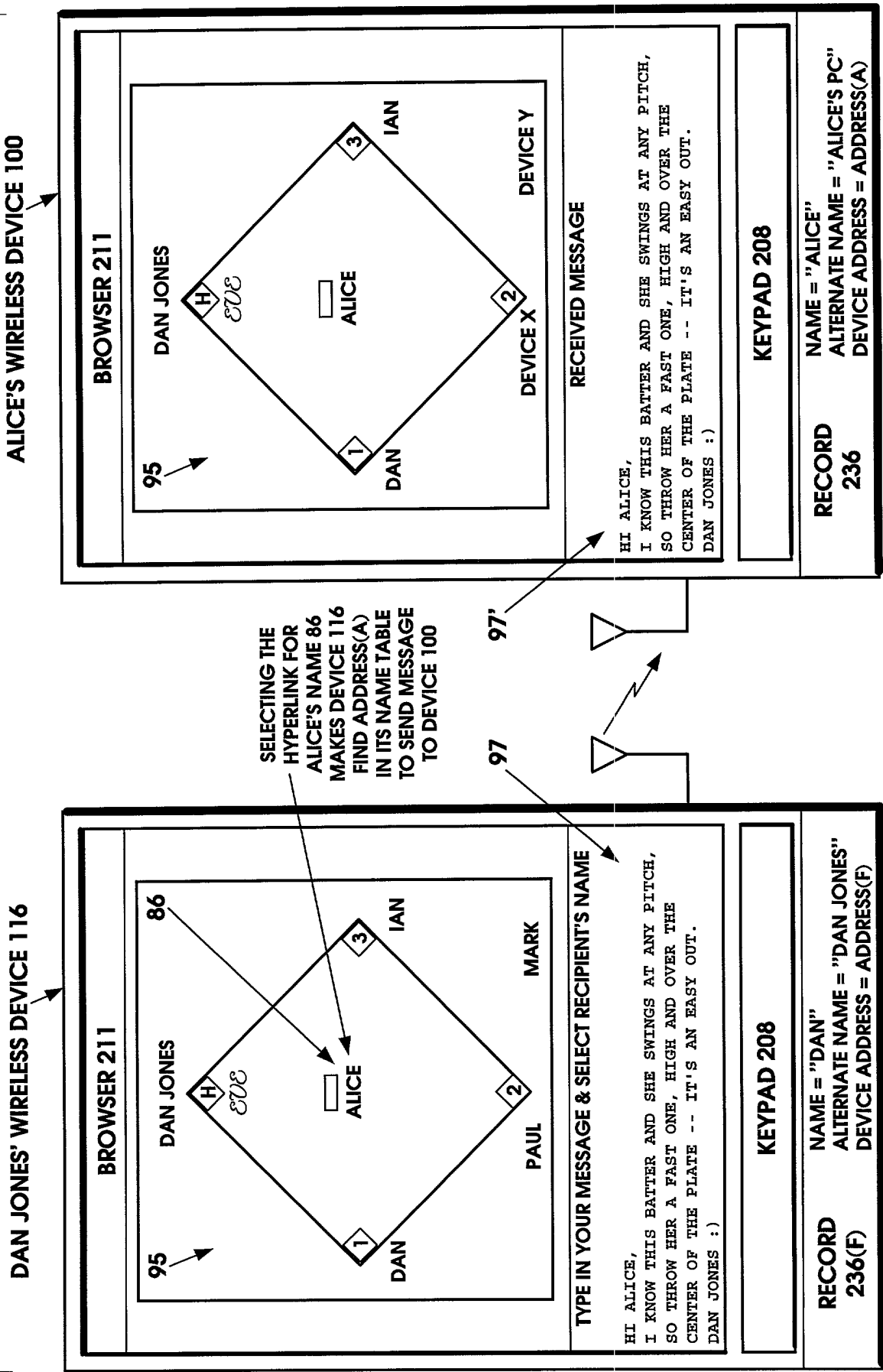
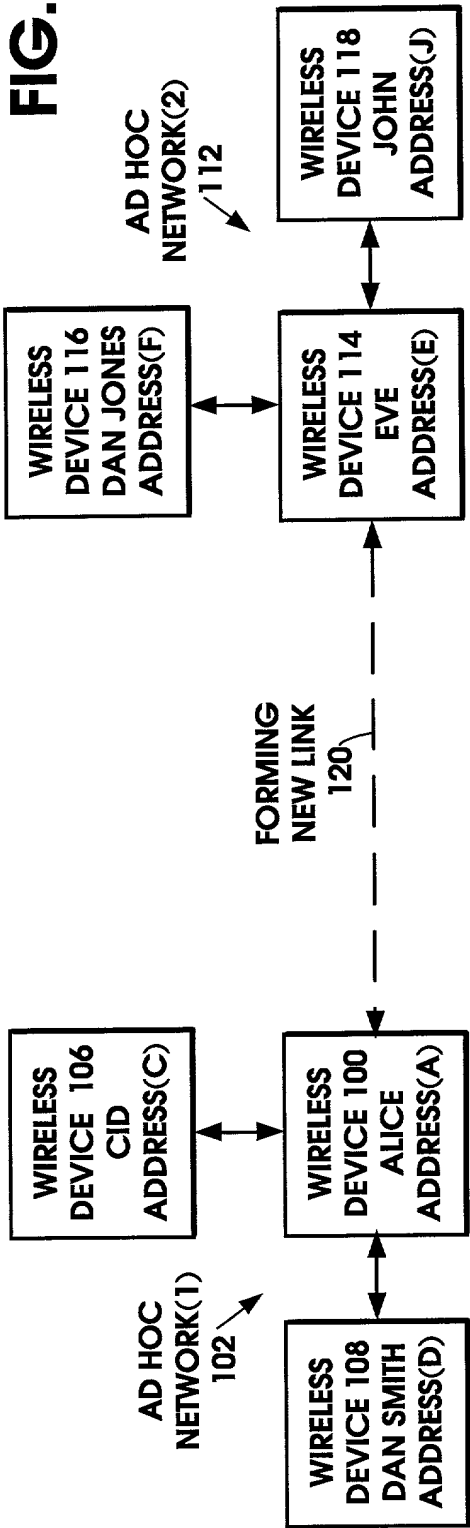


FIG. 1G

FIG. 1H



ALICE'S NAME MANAGER TABLE 232' (EXISTING)					
DEVICE ADDRESS	NAME	ALTERNATE NAME	CON FLICT FLAG	HOP CNT FLAG	TIME STAMP
ADDRESS(A)	ALICE	ALICE'S PC			13:10
ADDRESS(C)	CID'S PC	BIG CID			13:19
ADDRESS(D)	DAN	DAN SMITH			13:10

ALICE'S NAME MANAGER TABLE 232'' (COMPOSITE)					
DEVICE ADDRESS	NAME	ALTERNATE NAME	CON FLICT FLAG	HOP CNT FLAG	TIME STAMP
ADDRESS(A)	ALICE	ALICE'S PC			13:10
ADDRESS(C)	CID'S PC	BIG CID			13:19
ADDRESS(D)	DAN	DAN SMITH			13:10
ADDRESS(E)	EVE	EVE'S PDA			13:13
ADDRESS(F)	DAN	DAN JONES	X		13:13
ADDRESS(J)	JOHN	TERMINATOR			13:14

NEW 140

EVE'S NAME MANAGER TABLE 232(E)' (EXISTING)					
DEVICE ADDRESS	NAME	ALTERNATE NAME	CON FLICT FLAG	HOP CNT FLAG	TIME STAMP
ADDRESS(E)	EVE	EVE'S PDA			13:13
ADDRESS(F)	DAN	DAN JONES			13:13
ADDRESS(J)	JOHN	TERMINATOR			13:14

EVE'S NAME MANAGER TABLE 232(E)'' (COMPOSITE)					
DEVICE ADDRESS	NAME	ALTERNATE NAME	CON FLICT FLAG	HOP CNT FLAG	TIME STAMP
ADDRESS(A)	ALICE	ALICE'S PC			13:10
ADDRESS(C)	CID'S PC	BIG CID			13:19
ADDRESS(D)	DAN	DAN SMITH			13:10
ADDRESS(E)	EVE	EVE'S PDA			13:13
ADDRESS(F)	DAN	DAN JONES	X		13:13
ADDRESS(J)	JOHN	TERMINATOR			13:14

NEW 142



FIG. 1J

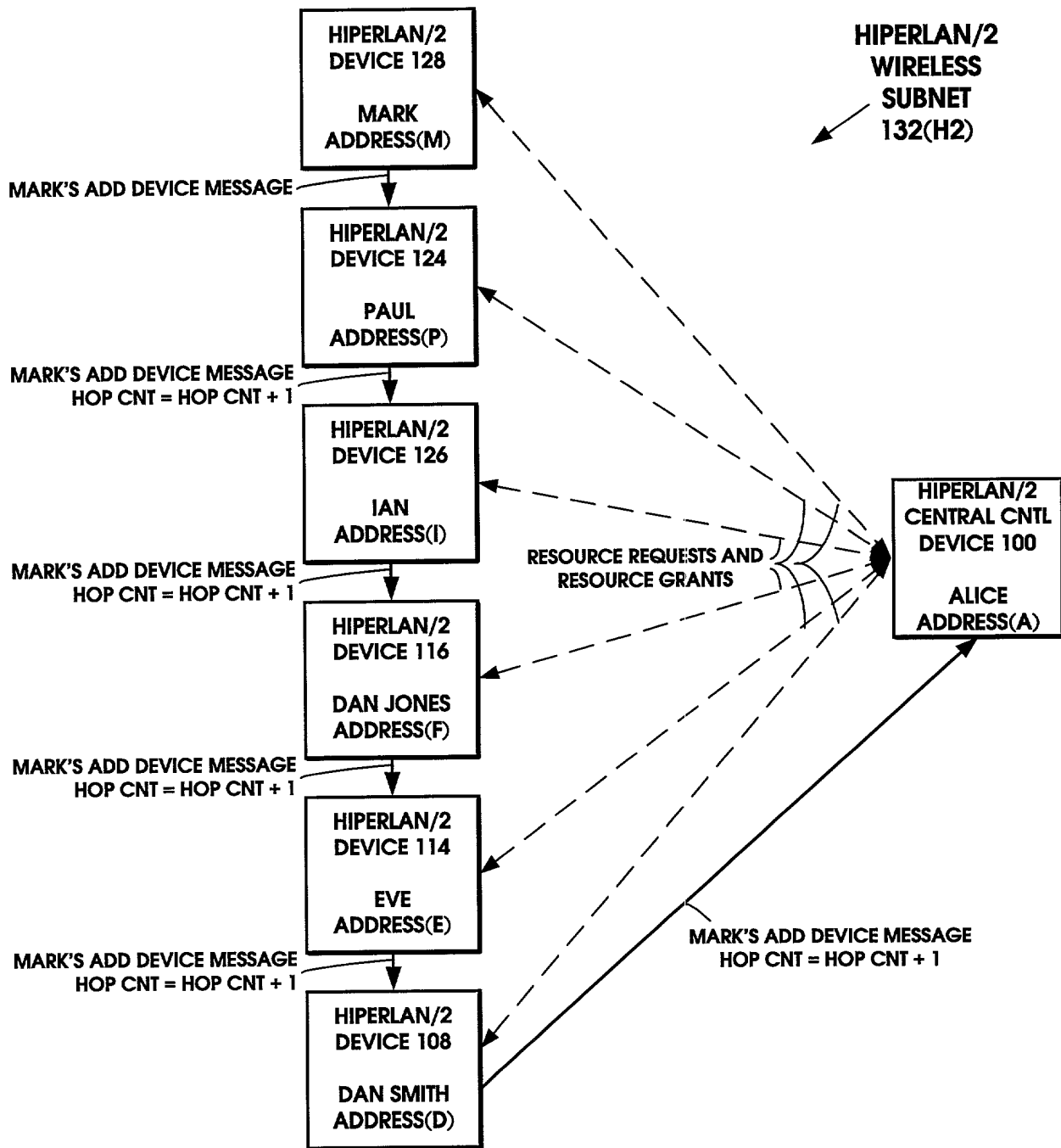


FIG. 1K

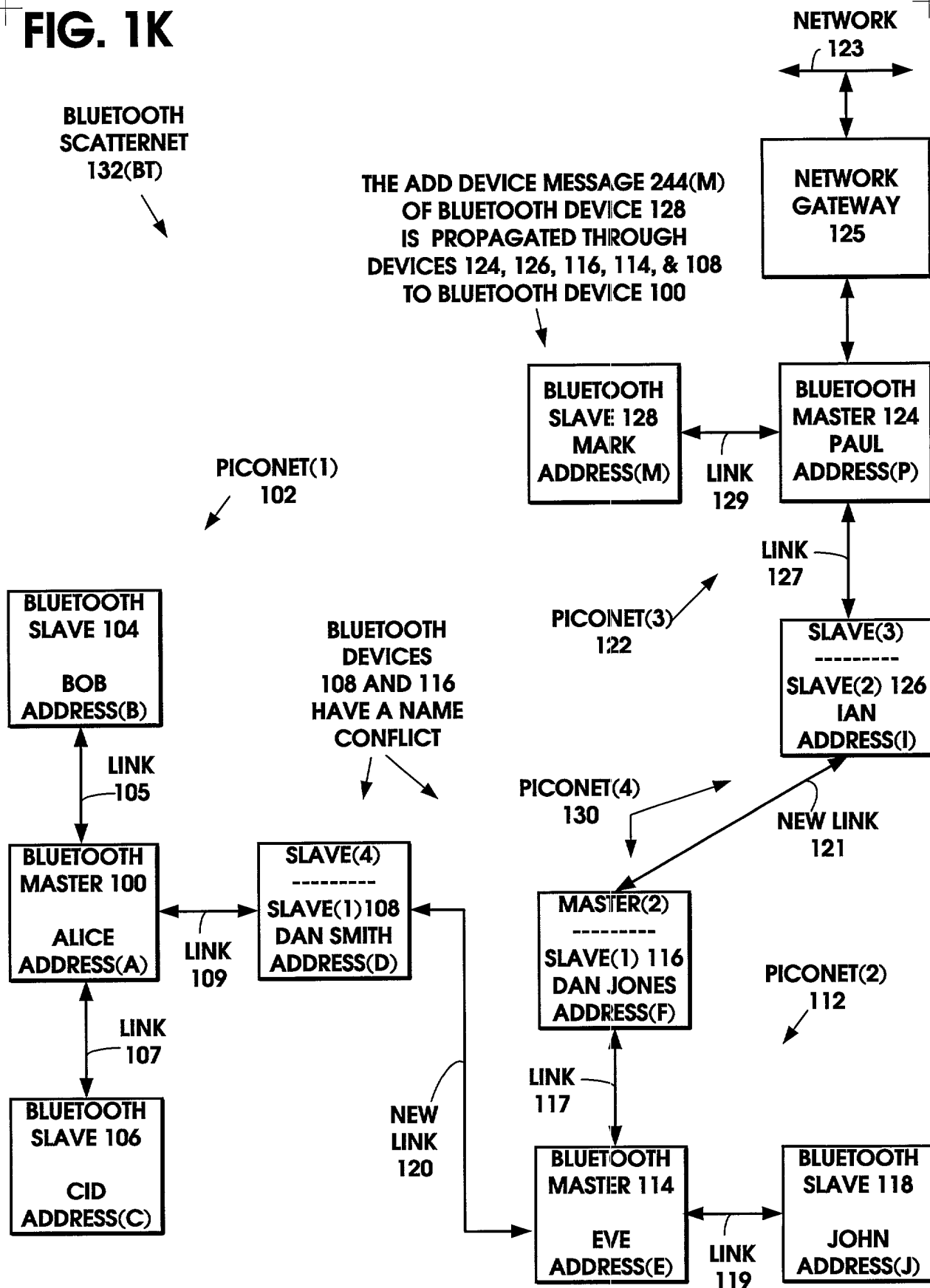


FIG. 1L
MULTIPLE
IEEE 802.11
INFRASTRUCTURE
BASIC SERVICE SETS
132(I)'

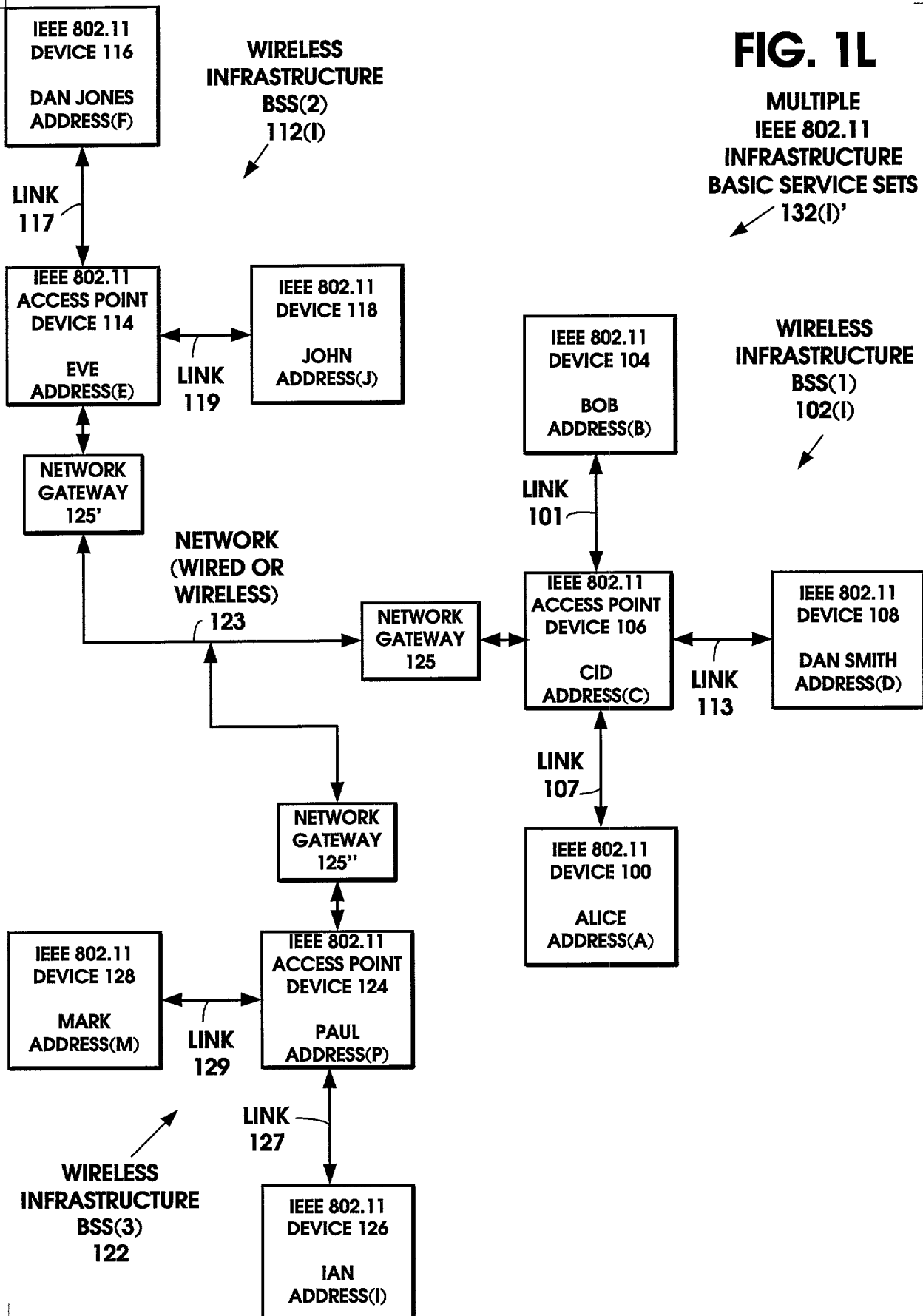


FIG. 1M

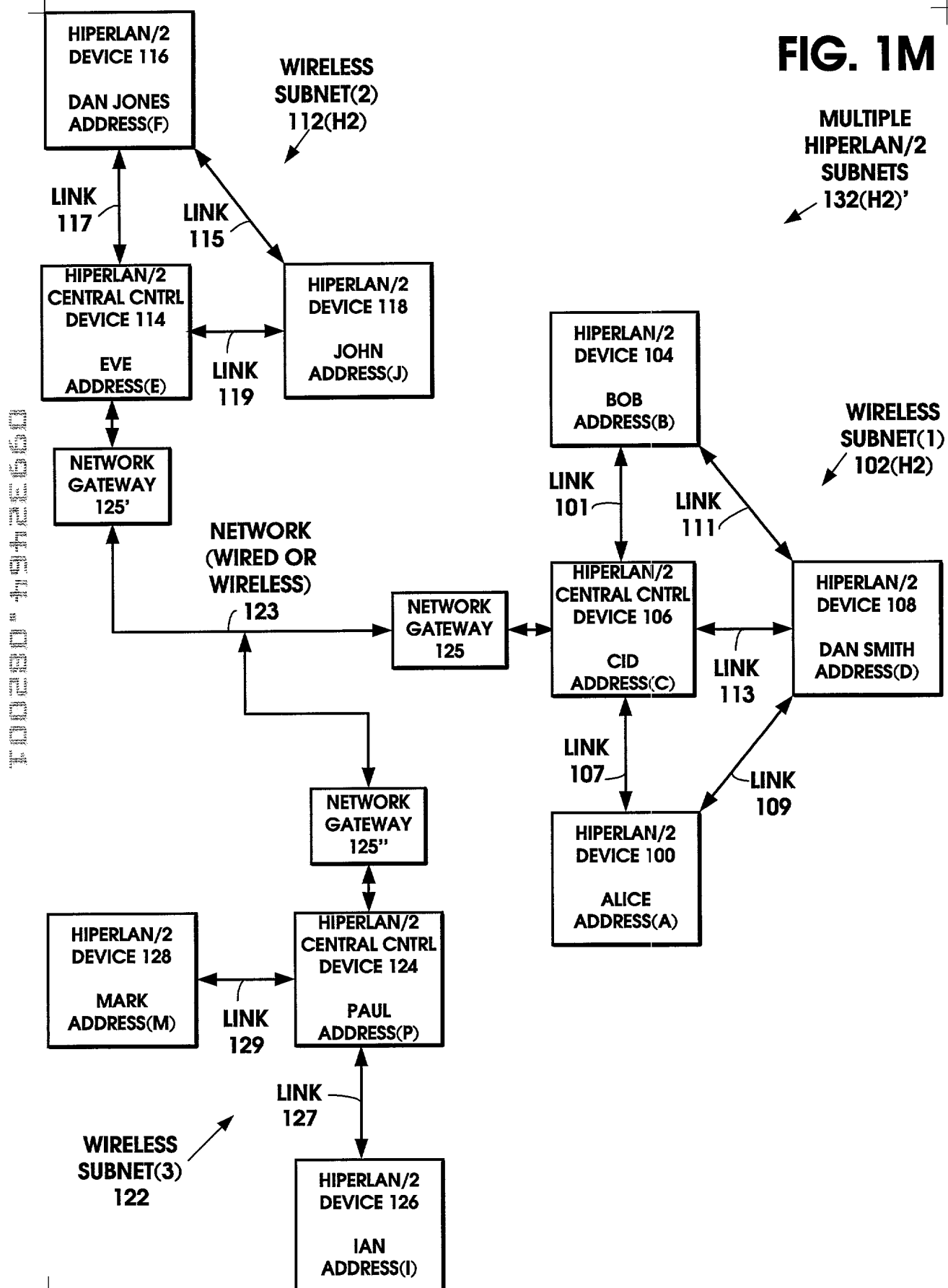


FIG. 2A

WIRELESS DEVICE 100

MEMORY 202

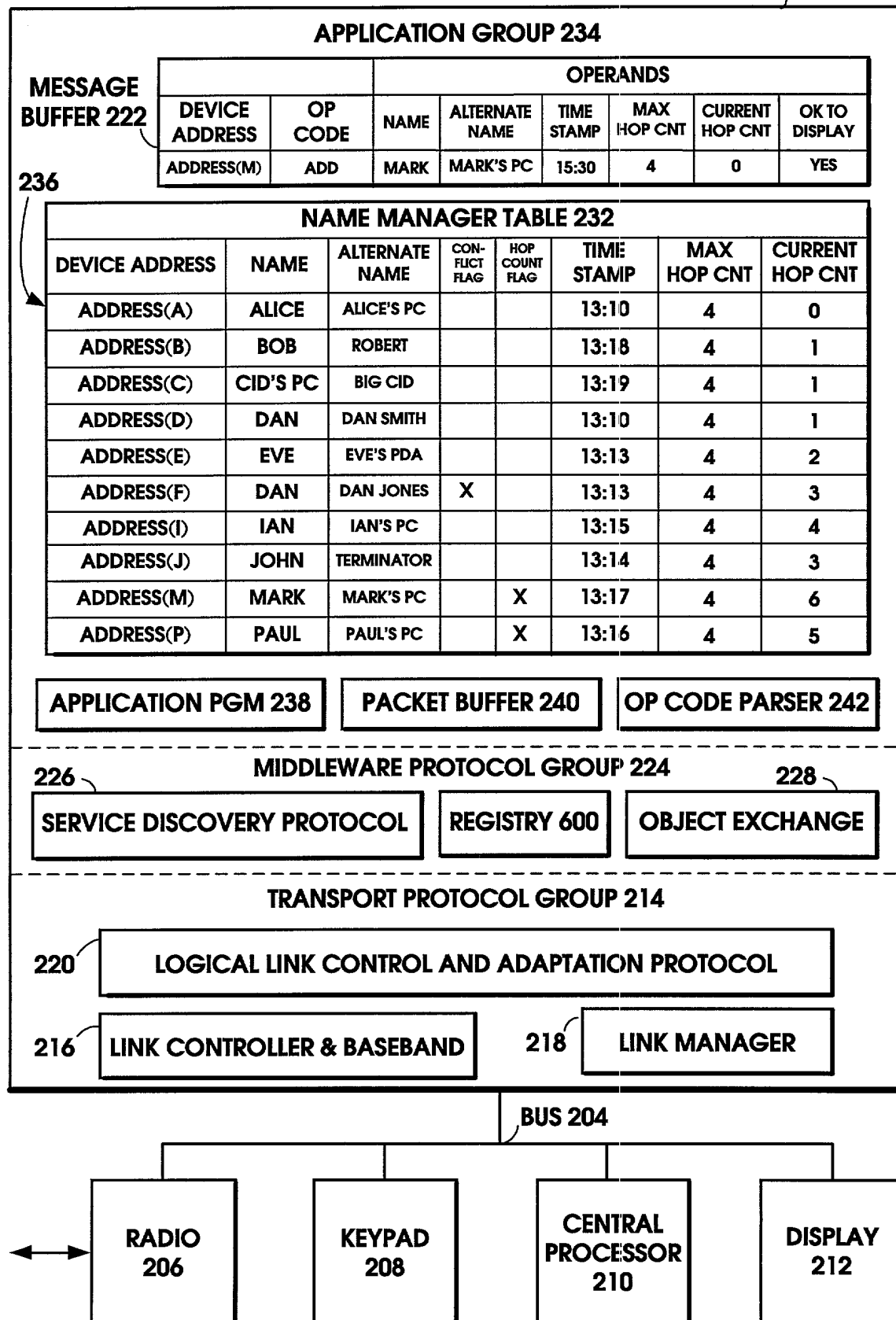


TABLE 4208-4004

ALICE'S NAME MANAGER TABLE 232												
DEVICE ADDRESS	NAME	ALTERNATE NAME	CONFLICT FLAG	HOP CNT FLAG	TIME STAMP	MAX HOP CNT	CURRENT HOP CNT	FONT	COLOR/ALT. COLOR	ANIMATION	SOUND	OK TO DISPLAY
ADDRESS(A)	ALICE	ALICE'S PC			13:10	4	0	ARIAL	RED/BLK	ROTATE-X	BEEP	YES
ADDRESS(B)	BOB	ROBERT			13:18	4	1	ARIAL	RED/BLK	ROTATE-X	BEEP	YES
ADDRESS(C)	CID'S PC	BIG CID			13:19	4	1	ARIAL	RED/BLK	ROTATE-X	BEEP	YES
ADDRESS(D)	DAN	DAN SMITH			13:10	4	1	ARIAL	RED/BLK	ROTATE-X	BEEP	YES
ADDRESS(E)	EVE	EVE'S PDA			13:13	4	2	SCRIPT	BLUE/YEL	PULSING	C,B,A,C	YES
ADDRESS(F)	DAN	DAN JONES	X		13:13	4	3	ARIAL	RED/BLK	ROTATE-X	BEEP	YES
ADDRESS(I)	IAN	IAN'S PC			13:15	4	4	ARIAL	RED/BLK	ROTATE-X	BEEP	YES
ADDRESS(J)	JOHN	TERMINATOR			13:14	4	3	ARIAL	RED/BLK	ROTATE-X	BEEP	YES
ADDRESS(M)	MARK	MARK'S PC		X	13:17	4	6	ARIAL	RED/BLK	ROTATE-X	BEEP	YES
ADDRESS(P)	PAUL	PAUL'S PC		X	13:16	4	5	ARIAL	RED/BLK	ROTATE-X	BEEP	YES

PERMISSION TO
DISPLAY DEVICE
NAME HAS BEEN
GRANTED
AS INDICATED BY
AUTHORIZATION
241

ALICE'S
NAME
RECORD
236

CONFLICT
FLAG
231

HOP
COUNT
FLAG
233

NAME
COLOR AND
ALTERNATE COLOR
235
ARE
SWITCHED
IN RESPONSE TO
NAME FLASH
MESSAGE

NAME
ANIMATION
237
IS
ACTIVATED
IN RESPONSE TO
NAME FLASH
MESSAGE

SOUND
239
IS
PLAYED
IN RESPONSE TO
NAME FLASH
MESSAGE

FIG. 2B

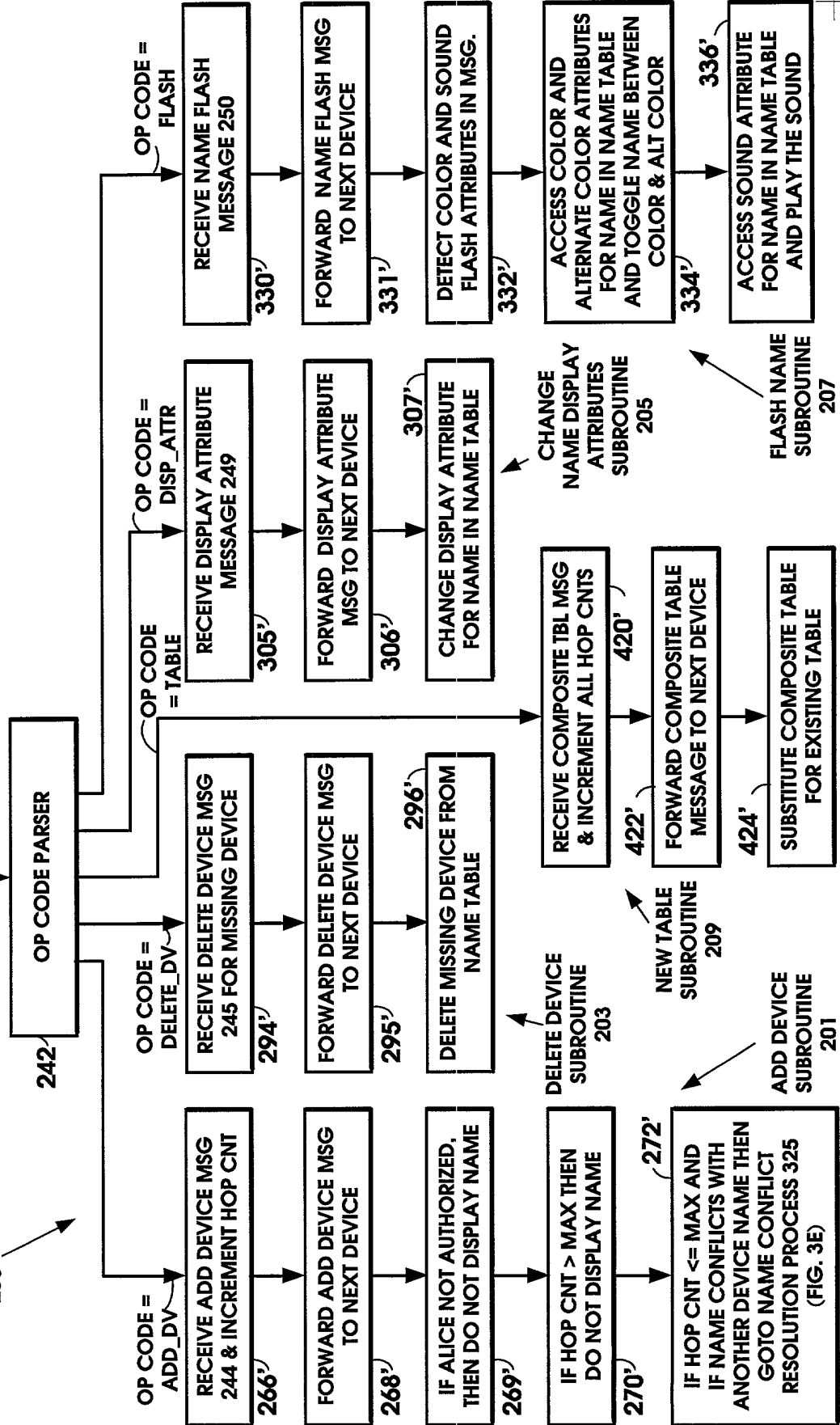
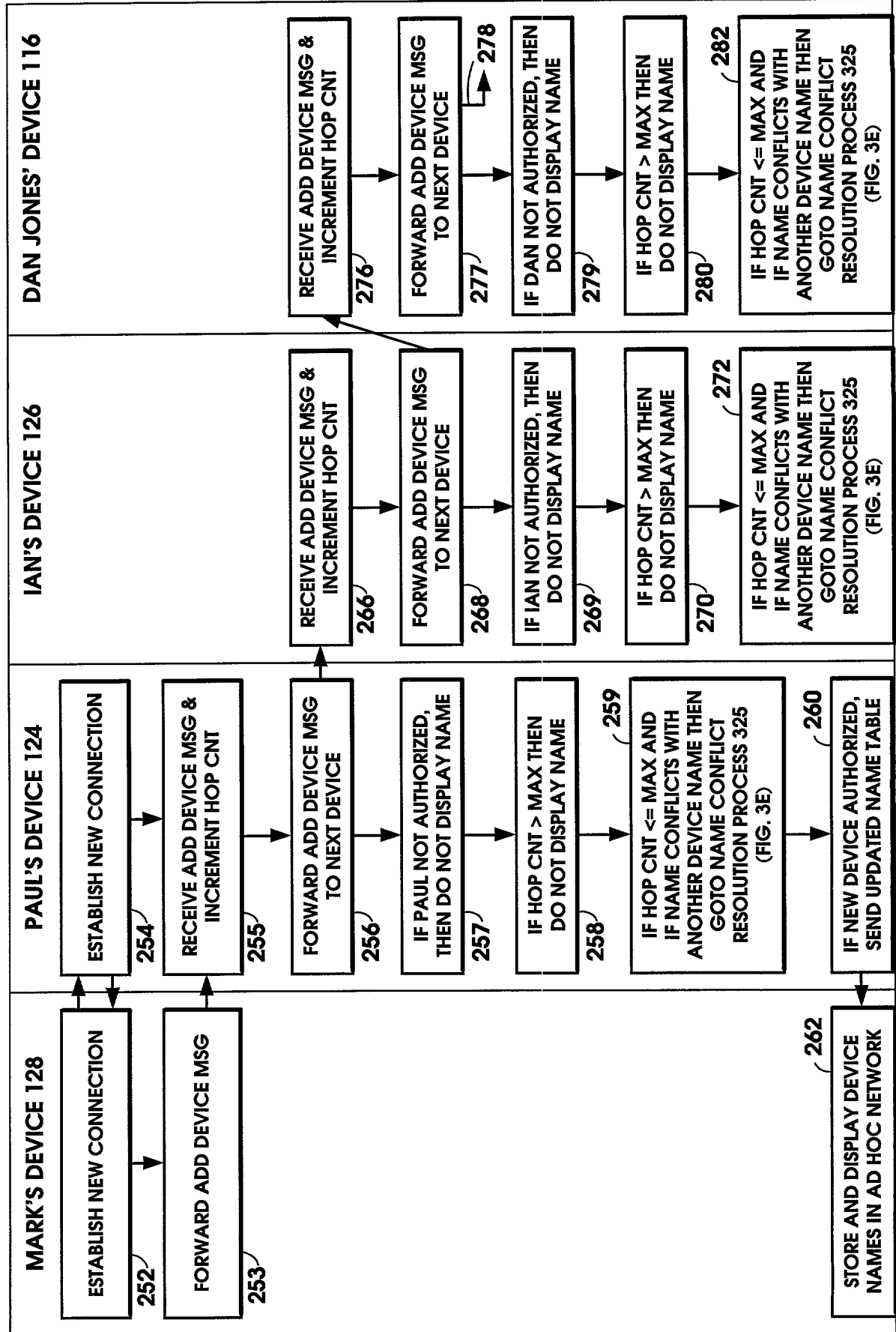
[illegible]

FIG. 3

PROCESS TO ADD NEW DEVICE



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FIG. 3A

PROCESS TO DELETE DEVICE

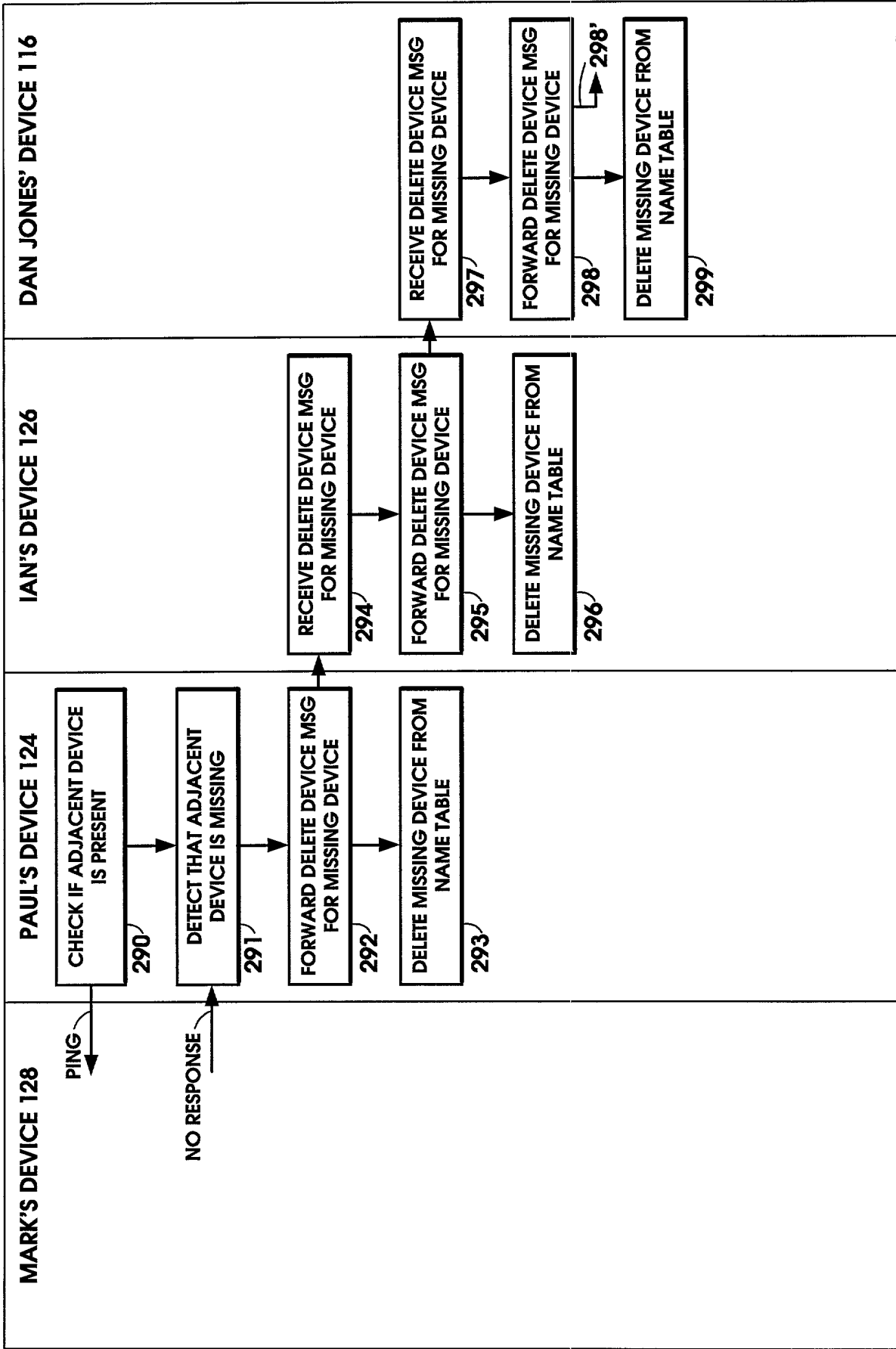


FIG. 3B

PROCESS TO CHANGE DISPLAYED NAME COLOR

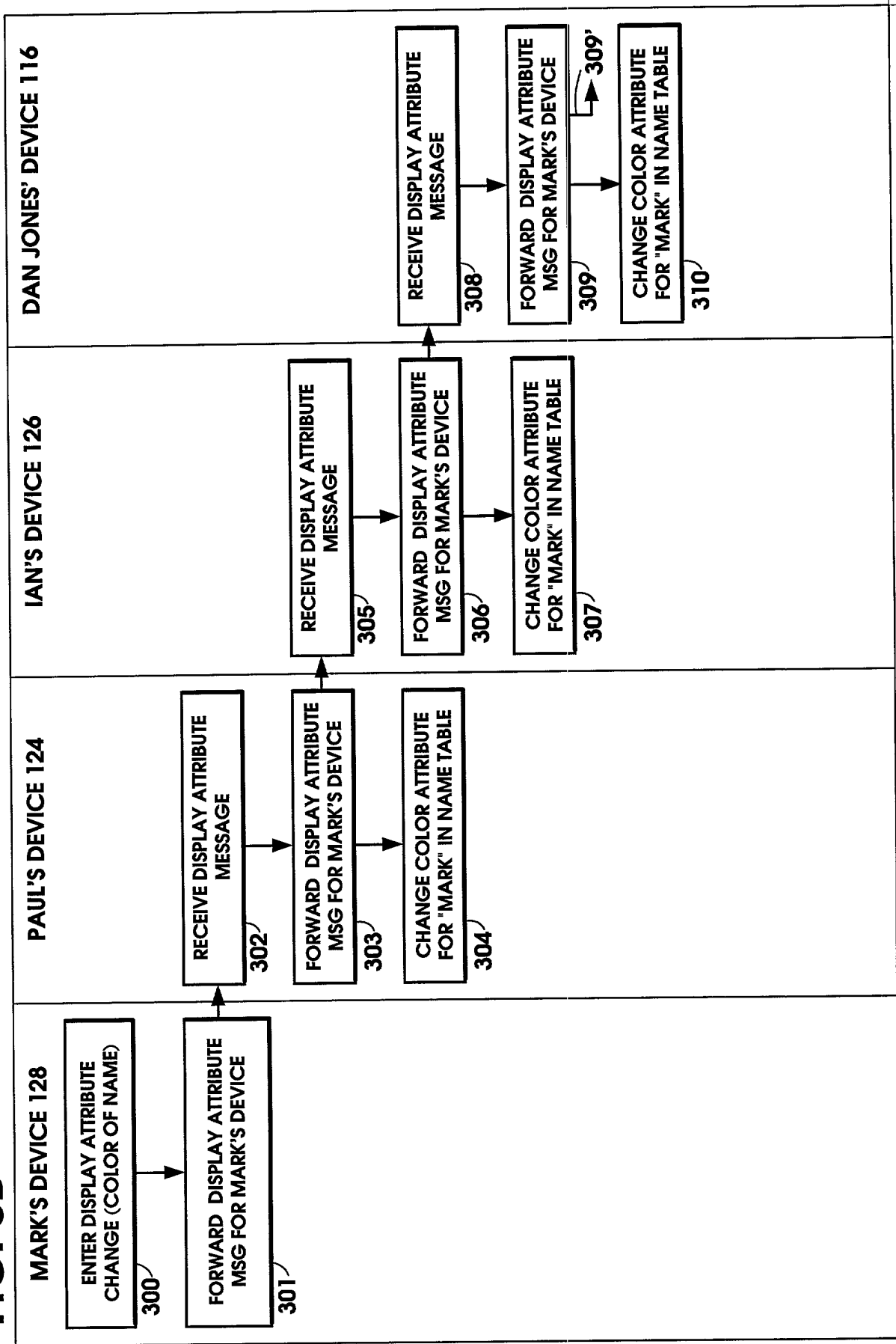


FIG. 3C

PROCESS TO FLASH DISPLAYED NAME

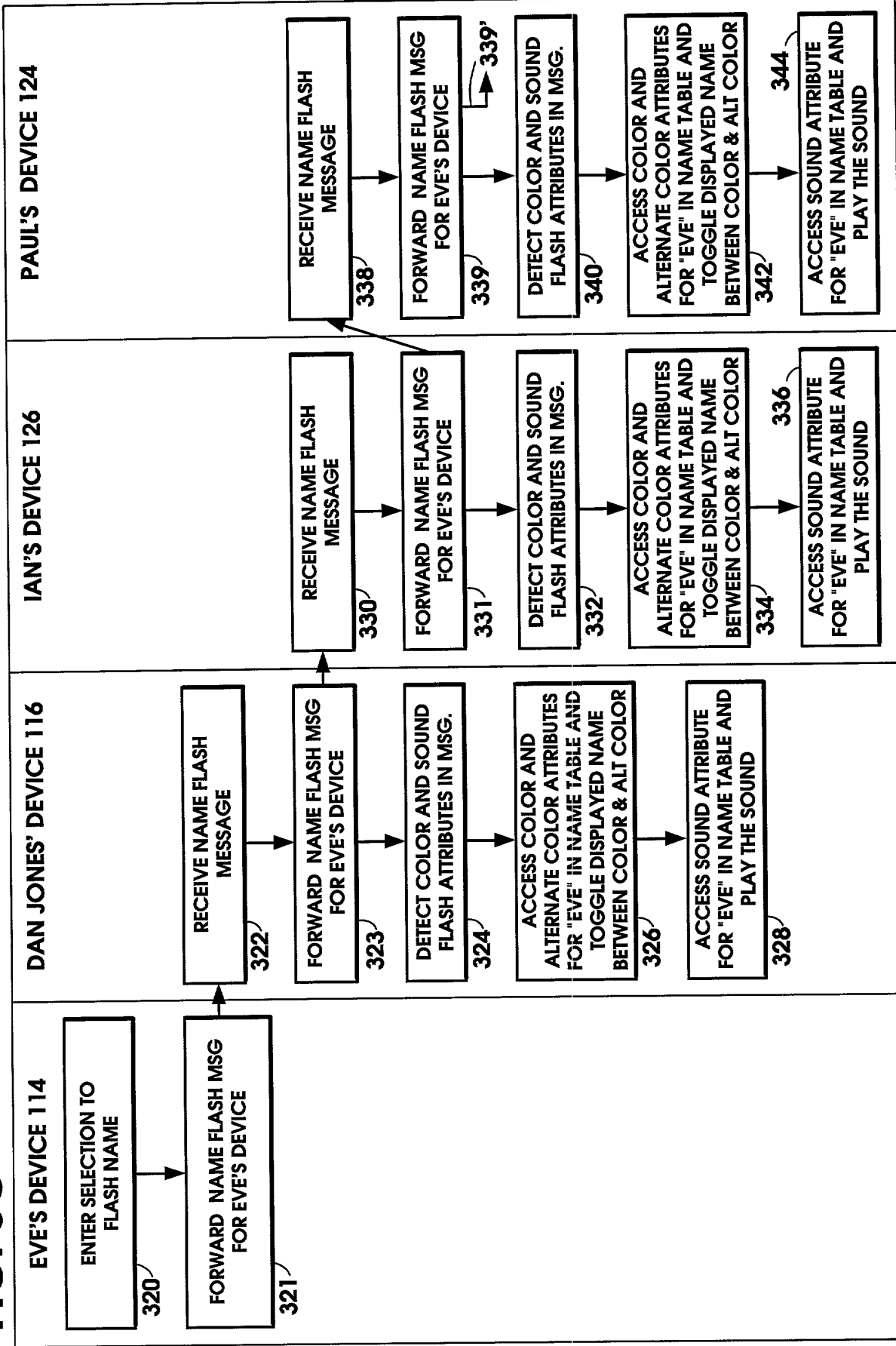


FIG. 3D

PROCESS TO JOIN TWO AD HOC NETWORKS

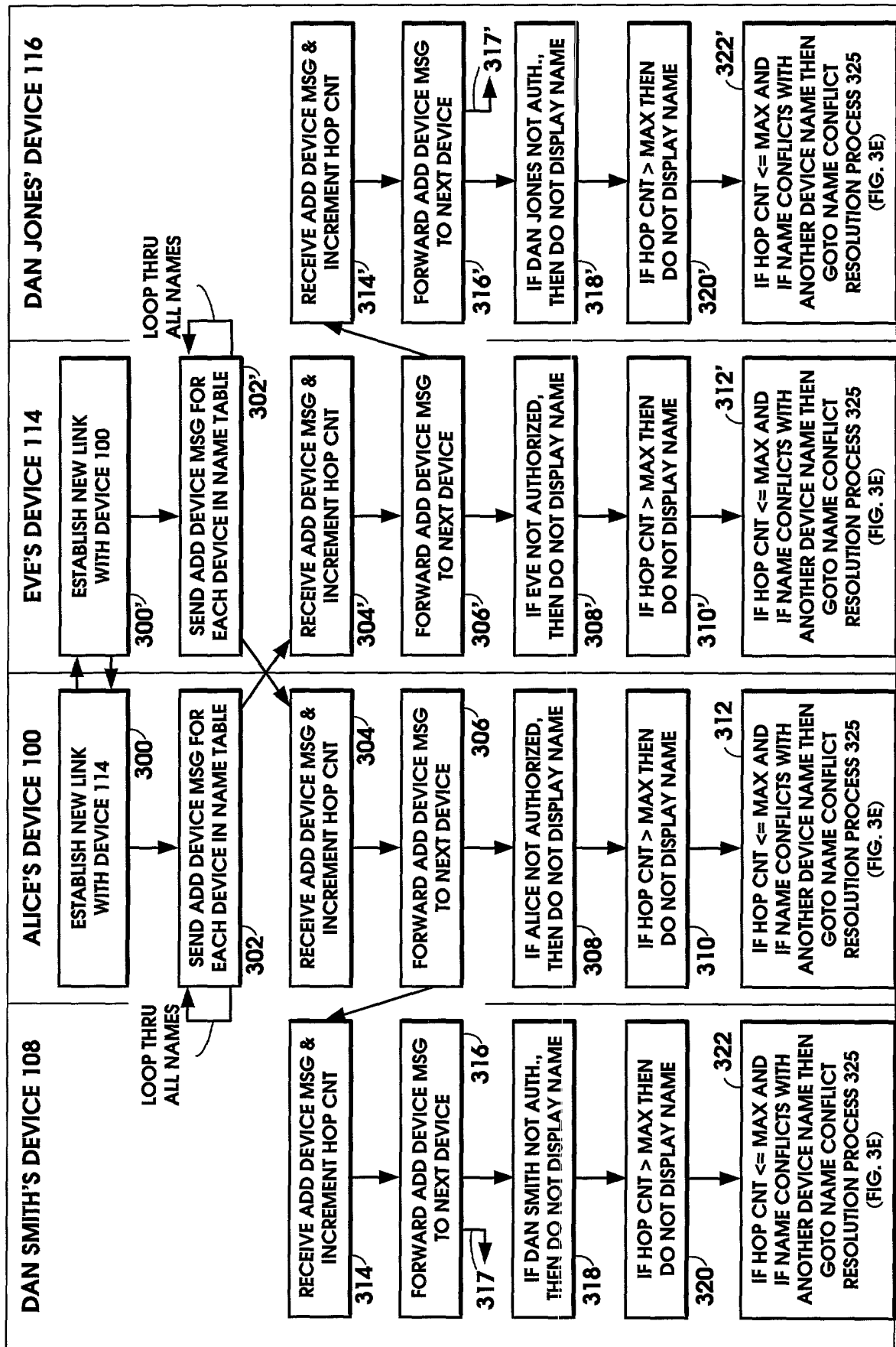


FIG. 3E

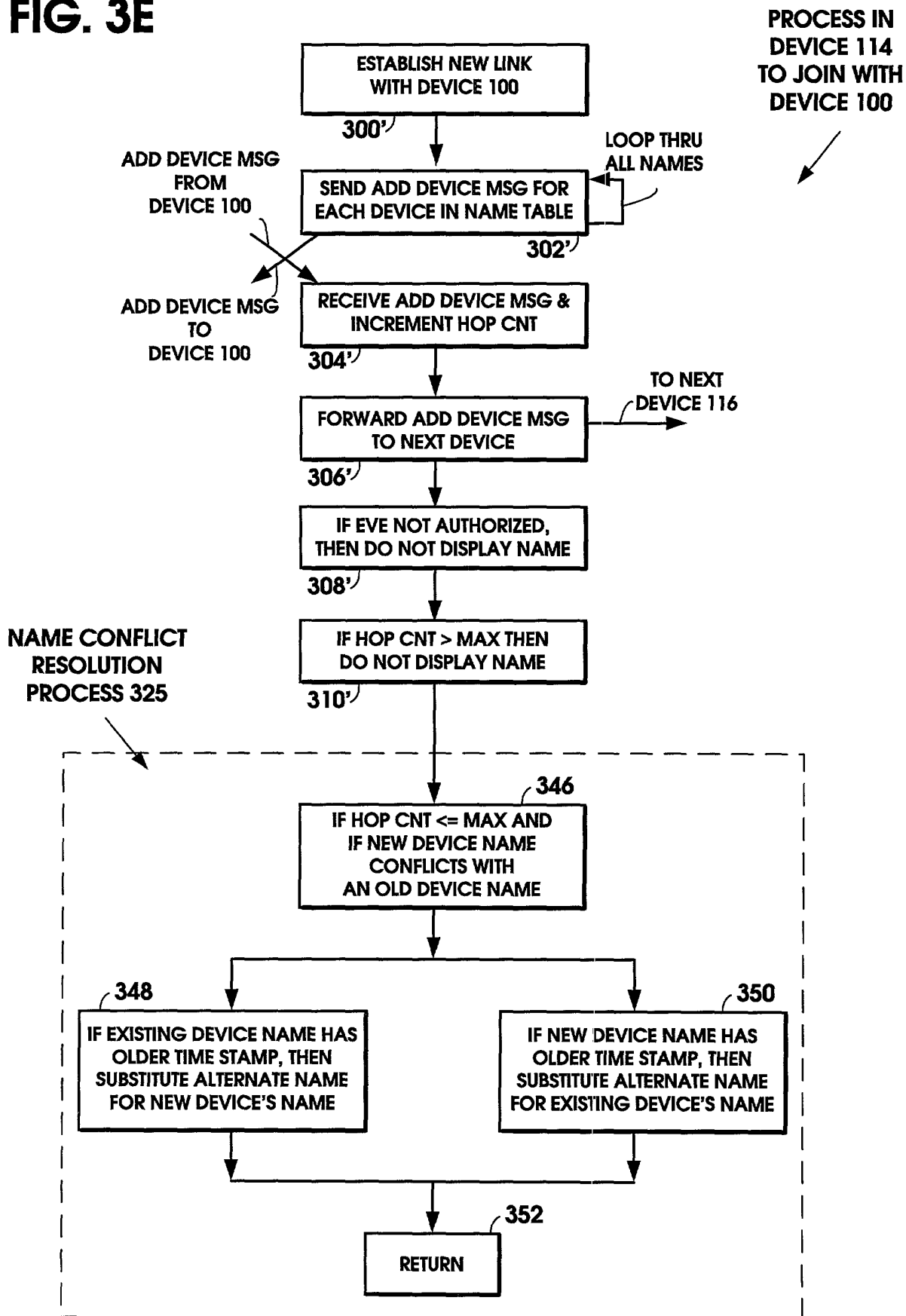


FIG. 3F

ALTERNATE PROCESS TO ADD NEW DEVICE

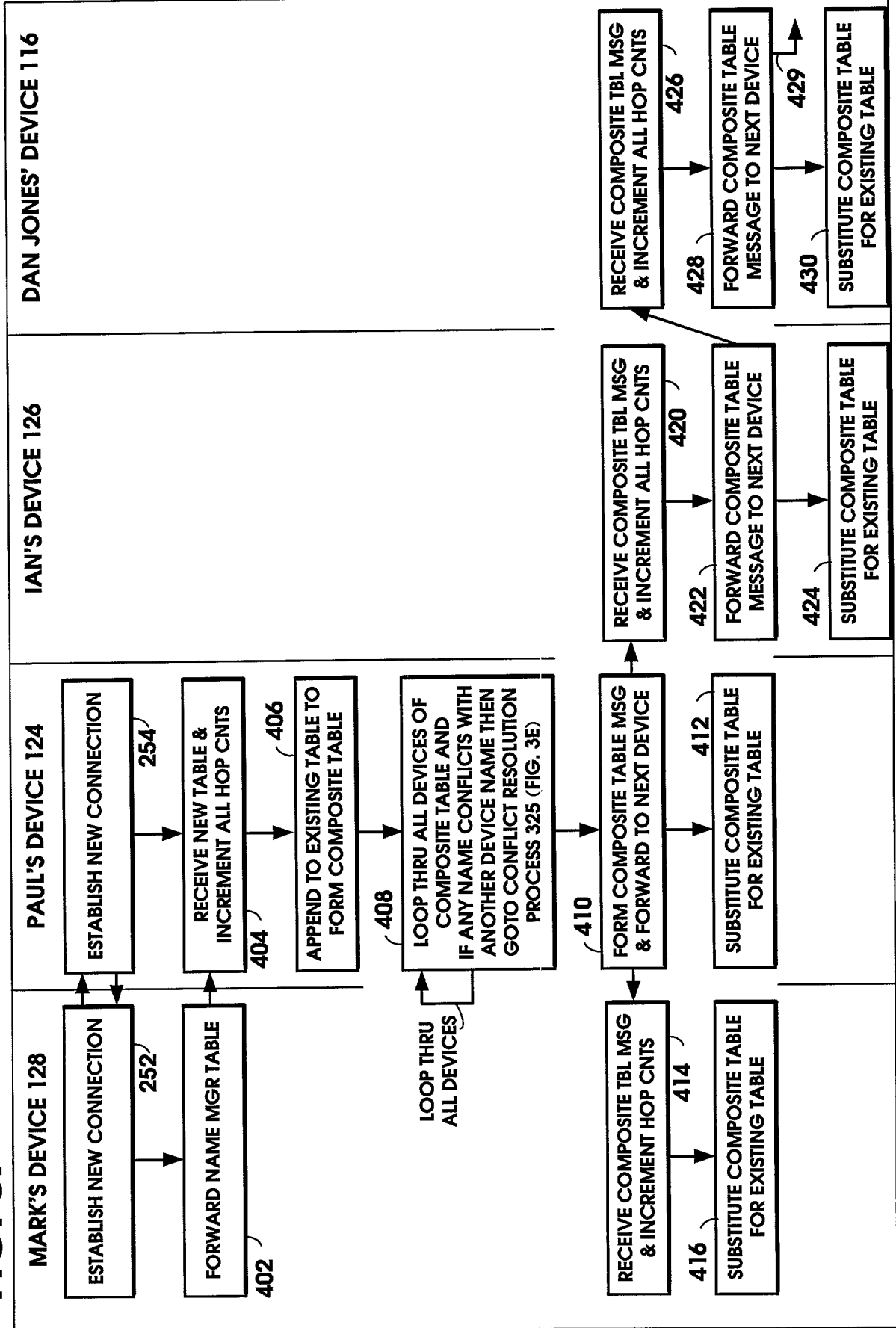


FIG. 3G

ALTERNATE PROCESS TO JOIN TWO AD HOC NETWORKS

